

File No.

M.Ed Fourth Semester Test Paper

Name MES553(A): Theme Based Specialisation

Address Course-III

Educational Technology

Subject (a) Elementary Education

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**ST ANN'S COLLEGE OF EDUCATION, MANGALURU
(AUTONOMOUS)
M.Ed. Two Year Programme**

Fourth Semester Test - March 2025

**MES553(A) : Theme Based Specialisation Course - III
Educational Technology
(a) Elementary Education**

Time : 3 Hours

Date : 10-03-2025

Max. Marks : 70

- Note : 1. Answer Part - I and Part - II questions on separate Answer Sheets.
2. There are two sections each in Part I and Part II of the question paper. Both are compulsory.

PART - I

Section A

Note : Answer the following questions in about four to five pages each. (2x15=30)

- 1a) i) Explain the meaning and purposes of Audio-visual Education.
ii) Describe Dale's Cone of Experience and discuss its Educational Implications with respect to Elementary Education. (7+8)
- [or]
- b) i) Explain the different types of Language Laboratories along with their limitations.
ii) Discuss any one type of type of teaching model with its syntax and applications for Elementary Education. (7+8)
- 2a) i) Explain the meaning of Multimedia and discuss the Cognitive theory of Multimedia Learning.
ii) Explain the different types of E-content and discuss the ADDIE model of E-Content development applicable to Elementary Education. (7+8)
- [or]
- b) i) Explain the different types of Educational Software Packages.
ii) Discuss the stages of development of multimedia material and enumerate the uses of multimedia for Elementary Education. (7+8)

Section B

Note : Answer any **One** of the following questions in about a page each. (1x5=5)

- 3 a) Explain the different types of Instructional Design.
- b) Discuss the barriers and challenges of using Mobile Technology in the Elementary classrooms.

PART - II

Section A

Note : Answer the following questions in about four to five pages each. (2x15=30)

1 a) i) Discuss the applications of Instructional and Behaviour technology for Elementary Education.

ii) Explain the approaches of Educational Technology. (8+7)

[or]

b) i) Describe Aristotle's and Berlo's Model of communication.

ii) Elucidate the strategies for effective communication. (9+6)

2 a) i) Explain the approaches to Computer Assisted Assessment (CAA) for Elementary Education.

ii) Discuss the benefits of Learning Management System (LMS) for Elementary Education. (10+5)

[or]

b) i) Explain e-learning modalities for elementary classroom.

ii) Discuss the paradigms of Computer Assisted Learning (CAL). (10+5)

Section B

Note : Answer any One of the following questions in about a page each. (1x5=5)

3 a) Enumerate the functions of Central Institute of Educational Technology (CIET).

b) Discuss the advantages and limitations of Computer Adaptive Testing (CAT).